

Peak District National Park

Forecast valid from 00:00 on Wednesday 04 May 2022 until 23:59 on Thursday 05 May 2022

Forecast Issued on Tuesday 03 May 2022 at 14:16

Confidence: High confidence for the main theme, unsettled with showers and longer spells of rain, but moderate confidence with regards to timings of the rain on Friday. High confidence with drier and more settled conditions developing over the weekend.

Headline for Wednesday 04 May 2022: A soggy start to the day, with low cloud and outbreaks of rain. Brighter with showers later.

Mountain weather hazards on Wednesday 04 May 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

Medium Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Fog	Light rain	Light rain	Mist	Mist	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Wednesday 04 May 2022

Weather: The cloud will rapidly increase and thicken overnight, bringing outbreaks of light rain and hill fog, particularly in western parts. The rain will become widespread and persistent during the morning, mostly light though. The cloud will break and lift around midday, any rain turning into showers shortly after. Some of these will become heavy with a risk of thunder and hail, especially early afternoon and over eastern parts. Any showers will then die away during the afternoon, followed by clear spells developing in the evening.

Chance of cloud-free hill tops above 600m: 10% initially, increasing to 30-40% through the morning to become 60-70% by mid-afternoon. 90-95% late afternoon and evening.

Low cloud and visibility: Poor visibility with neighbouring hills barely visible, due to rain and extensive low cloud as low as 250-300m. Cloud breaking through the morning, with bases lifting above summit around 13:00 in the east but most likely 17:00 in the west. Visibility generally good below the cloud but reducing rapidly in and around any showers during the afternoon. Becoming excellent late afternoon, with good surrounding views.

Forecast for Wednesday 04 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 S	13/17 SW	12/16 SW	15/21 SW	14/20 W	17/25 W	18/26 W	13/20 W	11/17 W
300	7/12 S	8/14 S	9/13 SW	11/16 SW	12/18 W	15/22 W	14/23 NW	10/18 W	8/14 W
Valley	3/10 SE	5/13 S	6/12 SW	8/14 SW	9/18 W	12/23 W	12/24 NW	7/15 W	5/12 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/4	7/4	8/5	9/6	9/5	8/4	6/2	5/2
300	9/8	9/7	9/7	10/8	11/8	11/8	11/8	9/6	8/5
Valley	10/9	9/8	9/8	10/8	11/9	12/10	12/9	9/7	8/6
Freezing Level*	1800m	1900m	1900m	1800m	1800m	1800m	1500m	1600m	1700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A soggy start, feeling rather cold in the cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 03 May 2022	8.2mm	8.2mm	11.6mm

Forecast for Thursday 05 May 2022

Weather: Dry and bright with a few sunny spells in the morning but clouding over with patchy light rain or drizzle in the afternoon. Eastern parts should remain dry though.

Maximum wind: Westerly 10-15mph gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 80-95% in the morning but becoming 30-40%, perhaps 20% in western parts, in the afternoon.

Low cloud and visibility: Generally good or very good in the morning but deteriorating in the afternoon to become moderate or occasionally poor in western parts, with cloud base lowering to 600-700m, perhaps 500m in any prolonged drizzle.

Temperature: **Valleys:** 9 deg C rising to 17 deg C by the early afternoon.
At 600m: 4 deg C rising to 11 deg C by the early afternoon.
Freezing level: Above summits.